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Dated: October 28, 2005

Signature:

(Bonnie Crespi)

Docket No.: 61843(51035)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
John P. Maye

Application No.: 10/668,883

Confirmation No.: 3592

Filed: September 23, 2003

Art Unit: 1654

For: HOP ACIDS AS A REPLACEMENT FOR  
ANTIBIOTICS IN ANIMAL FEED

Examiner: M. C. Flood

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant has become aware of the following publications and information, cited in an International Search Report issued July 21, 2004 during the prosecution of PCT/US03/30304 which corresponds to the above-referenced application. A copy of the International Search Report is enclosed.

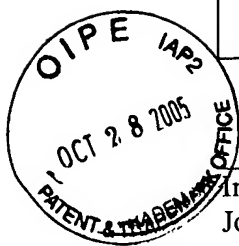
This Information Disclosure Statement is filed after the mailing date of a Final Office Action or Notice of Allowance, whichever occurred first, but on or before payment of the Issue Fee (37 CFR 1.97(d)). Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered.

Applicant submits herewith copies of foreign and non-patent references in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any

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patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 04-1105 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 61843(51035). A duplicate copy of this paper is enclosed.

Dated: October 28, 2005

Respectfully submitted,

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/668,883-Conf. #3592
				Filing Date	September 23, 2003
				First Named Inventor	John P. Maye
				Art Unit	1654
				Examiner Name	M. C. Flood
				Attorney Docket Number	61843(51035)
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	WO 01/76614	10/18/2001	Li Tuo Ping		
	BB	EP 1 277 473 A1	01/22/2003	Takara Bio Inc.		
	BC	XP002268355 (Database WPI)		Derwent Publications Ltd.		
	BD	JP 01172341	07/07/1989	Nisshin Flour Milling Co. Ltd.	Abstract	
	BE	JP 01172340	07/07/1989	Nisshin Flour Milling Co. Ltd.	Abstract	
	BF	RU 2 075 298	03/20/1997	Fomichev V F	Abstract	
	BG	GB 120 166 A	10/31/1918	Edward Makin		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Beuchat, Larry R. and Golden, David A. "Antimicrobials Occurring Naturally In Foods", Food Technology, Institute of Food Technologists, Vol. 43, No. 1, pps. 134-142 (1989)	

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Examiner Signature	Date Considered
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